

Laura Taylor-Chase

Title: Be A Recycling Superhero

Grade: 1

Subject: Science, ELA

40 min.

Objectives:

- Students will explain the need to reduce the amount of trash they generate, and describe ways in which they can make changes in their actions to support waste reduction.
- Students will listen to gain knowledge and share information, perform a task, and converse with an adult or peer.

Domain:3c

- Engage students in learning

Standards:

- Science Standard 14. Understands how human actions modify the physical environment.
- Language Arts Standard 8. Use listening and speaking strategies for different purposes.
- Language Arts Standard 6. Uses reading skills and strategies to understand and interpret a variety of literary texts.

Materials:

- A copy of "Michael Recycle" book by Ellie Bethal
- A sign for each category:Paper, Plastics, Metal, Glass
- Provided worksheet of recycling symbol for teacher to display and students to complete.
- Pictures of hard to recycle items ( Example of hard to recycle items include: appliances, batteries, building materials, cell phones, clothing, fluorescent light bulbs, computers, electronics, furniture, ink toner and cartridges, styrofoam packing, paint, and tires.)
- Items for children to classify and sort: aluminum foil, brown paper bag, cereal box, junk mail, white paper, pie tin, newspaper, telephone book, plastic milk jug, plastic soda bottle, various plastic containers, drinking glass, glass bottle, glass jars, corrugated cardboard.

Procedure:

Before Recycling Activity:

- Introduce the lesson by asking the question while holding the recycling symbol, "What does this symbol mean?" Take answers from students and accept recycling as the correct answer. unfold the sign and show the word recycle to the class. Review or explain what recycling means.
- Show the symbol on several products. Ask,"What should I do when I see this symbol on a product?" Then answer your own question, "I could throw it in the trash or maybe I could recycle it. What would be the best thing to do?" Take a few answers from the students, then answer your own questions, giving a few reasons why people should recycle: it reduces waste, saves energy, uses less space in a landfill, reduces pollution, it's good for the environment, etc.
- Tell the students that you have a book called "Michael Recycle". This book will help us discover why recycling is a good choice.
- Introduce book and read story.
- Discuss the book.
- Do you think Michael Recycle was a Superhero? Why? What did Michael Recycle do to help make less trash?

--What would happen if everyone threw away all of their trash? What kind of problems could this cause?

--What type of items can we reuse? How?

--What type of items can we recycle? How?

--What type of items can't we reuse or recycle at school? Why?

-Ask, "Do you think you can be a superhero like Michael Recycle?" Next, explain to the students that they are going to do an activity to get them started.

Recycling Activity:

-Ask, "What types of items can we recycle? Take a few answers from the students, then respond by mentioning, "Recycling Superheroes need to know what materials our items are made of. We will do an activity to sort items that are alike."

-Let the students know that we can recycle many things but some things are hard to recycle. Show the students pictures of various items cannot be easily recycled. Mention that these items cannot be recycled at curbside and must be brought to special recycling drop-off centers.

-Show the students the items that are to be recycled.

-Have the students sort the items in three piles, Paper, Plastic/Glass, Metal.

After Recycling Activity:

-Let the students turn and talk to each other to see whether or not they agree with the recycled piles.

-Ask the students, "what types of items can we recycle in the classroom?"

-Hand out sheets with the recycle symbol on it. Have the students color the symbol and draw themselves as a superhero recycling items.

Assessment:

Using a rubric, students will be assessed based on their illustrations on their recycling poster. Students will be graded on their comprehension of recycling.

Extention:

After the posters are displayed, let the students know that we will continue to recycle in the classroom. Encourage the students to be Superheroes as they discuss recycling at home.